SBR No. 13/14-15
DATED 27-5-14

EE/ELE/Y/BR.No. 13/14-15
Dt. 27-5-14

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No. First and Final

Date.....2010

Division: **Electricals** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Job Code** -*004-12-000005*

Schedule Docket No. Head of Account 7878 18% Bhagyajothi Scheme/Nirmala yojane & Janasiri
D.R.No. :

Name of Work: *Arranging Power suppply to proposed M.S. Building near Allalasandra tank in Yelahanka in Ward No-04*

Name of Contractor and Full Address:*M/S. Vedha Electricals*

Reference to Agreement No.EE/Elect/YZ/WO/ 08 /2013-14 Date:13-09-2013

Certified that the measurements were taken by me on 27-5-14 and recorded of Pages 121665 to 121672 of measurement Book No. 1217 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 27-5-14 ..and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	BBMP, Bangalore BILL =	12,11,770=00
2) Deduct amount to be held in reserve being .....percent Rs.....	IT 1%	12118=00
3) " Balance	VAT 4%	48,471=00
4) Deduct Payment:	FSD 5%	60,589=00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of Amount	LWC 1%	12,118=00
b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	CBF 0.1%	1212=00
	Fine	6560=00
5) Balance being unpaid value of work done held in reserve.	deductions	1,41,068=00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	cheque =	10,70,702=00
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted -		

ಬೈಕಾರ್ಜಿತ ಖ=1878, 18% Bhagyajyothi

Contractor's Signature

Received Rs. 12,11,770=00 (In words) ರೂ.ಹನ್ನೆರಡು ಲಕ್ಷ ಹನ್ನೊಂದು ಸಾವಿರದ ಏಳುನೂರ ಎಪ್ಪತ್ತು ರೂಪಾಯಿ ಮಾತ್ರ ಸ್ವೀಕರಿಸಿದೆ

ರೂ.10,70,702 ಹಣವನ್ನು ನಗದಾಗಿಯೂ

by cash and by adjustment of Payment as per memorandum ರೂ.1,41,068 ಮೊತ್ತವನ್ನು ಮೆಮೊರಾಂಡಮ್ ಪಾವತಿ

(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

ಕಾ.ಪಾ.ಇ.(ವ) ಯಲಹಂಕ ವಲಯ

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Executive Engineer

Sl. No.	Description of item	Unit
1	Supply and errection of 9 meter RCC pole including earth work et ccomplete as per the standard technical specification b mtr 145 Kg WL Ele SR 2010-11(P78/29)	Each
2	Supplying and Fixing of.....cross arm including all hardwares complete as per the standard technical specification c)horizontal 50x450x6 mm -980mm Ele SR 2010-11(P78/32)	Each
3	Supplying and Fixing of.....including all hardwares complete as per the standard technical specification b)11 KV pin insulator Ele SR 2010-11(P79/37)	Each
	c)Disc insulator	Each
4	Supply and fixing of Rabbit conductor(6/3.15 mm Al+6/3.15mm steel) Ele SR 2010-11(P79/40)	Mtr
5	Supply and errection of 11 mtr Spun pole including earth work etc ,complete as per the standard technical specification Ele SR 2010-11 (P78/31)	Each
6	Supplying and Fixing of.....including all hardwares complete as per the standard technical specification b)HTST support 50x8mm Ele SR 2010-11(P79/36	Each
	j)GOS set 200A S/B	Each
	l)Horn Gap Fuse unit(H.G)	Each
	n)lighting Arrestor 9KV 5kA Polymeric type	Each
	g)Guy set	Each
	h)GI pipe	Each
7	Supply and fixing of b)alkathene tube of 25mm dia asper standard technical specification Ele SR 2010-11 (P81/47)	Each
	Spiral Earth Electrode as per standard technical specification	Each
8	Supplying fixing and wiring earth electrode for grounding of lifts, transformer...DG sets etc using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should beenclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm alround with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.Ele SR 2010-11 (P68/2)	No
9	GI wire 10 swg	Kg
10	PVC insulation tape	Roll
11	MS fish plate	No
12	Caution board	No
	PART (B) Errection of 1x100 kvs Transformer on spun pole	
13	Supply ,errection testing and commissioning.....KVA copper wound distribution transformer 11kv/433 v with off load tap switch ,Buchholtz relay winding temprature indicator,oil temprature indicator,marshalling box with wiring magnetic oil level indicator with +5% to -10% steps of 2.5% HT and LT bushings with all standard accessories as perlatest IS standard technical specification.Ele SR 2010-11 (P80/43a)	Each
14	Supply and errection of 11 mtr Spun pole including earth work etc ,complete as per the standard technical specification Ele SR 2010-11 (P78/31)	Each
15	Supply and fixing of Single pole mounted transformer kit for 100/250 KVA on 11 mtr Spun pole etc complete as per standard technical specification Ele SR 2010-11 (P79/35)	Each
16	Supplying and Fixing of.....including all hardwares complete as per the standard technical specification b)HTST support 50x8mm Ele SR 2010-11(P79/36	Each
	j)GOS set 200A S/B	Each
	l)Horn Gap Fuse unit(H.G)	Each
	n)lighting Arrestor 9KV 5kA Polymeric type	Each
	g)Guy set	Each
	h)GI pipe	Each
17	Supplying and Fixing of.....including all hardwares complete as per the standard technical specification b)11 KV pin insulator Ele SR 2010-11(P79/37)	Each
18	Supply and fixing of b)alkathene tube of 25mm dia asper standard technical specification Ele SR 2010-11 (P81/47)	Each
	c)LT Distribution box for 63/100KVA Transformer with 1 No 160Amps 25KA 4 pole MCCB suitable capacity luminium bus bar mounted in 16SWG powder coated M.S.Box suitable to mount at Trnsformer Centre .	Each
	f)LT wiring kit 250KVA as per Standard technical specification	Each
19	Supplying and Fixing of.....cross arm including all hardwares complete as per the standard technical specification c)horizontal 50x450x6 mm -980mm Ele SR 2010-11(P78/32)	Each
20	Supply and fixing of Rabbit conductor(6/3.15 mm Al+6/3.15mm steel) Ele SR 2010-11(P79/40)	Mtr
21	Supplying and fixing of P.G.clamps including all Hardwares etc complete as per the standard technical specification Ele SR (P79/38)	No

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
0	0.00	34	6000.00	204000.00	34	204000.00	
0	0.00	40	200.00	8000.00	40	8000.00	
0	0.00	100	190.00	19000.00	100	19000.00	
0	0.00	12	1000.00	12000.00	12	12000.00	
0	0.00	2950	30.00	88500.00	2950	88500.00	
0	0.00	1	18000.00	18000.00	1	18000.00	
0	0.00	9	70.00	630.00	9	630.00	
0	0.00	1	7000.00	7000.00	1	7000.00	
0	0.00	1	1000.00	1000.00	1	1000.00	
0	0.00	1	1200.00	1200.00	1	1200.00	
0	0.00	4	800.00	3200.00	4	3200.00	
0	0.00	9	800.00	7200.00	9	7200.00	
0	0.00	2	600.00	1200.00	2	1200.00	
0	0.00	19	400.00	7600.00	19	7600.00	
0	0.00	3	2000.00	6000.00	3	6000.00	
0	0.00	5	40.00	200.00	5	200.00	
0	0.00	3	10.00	30.00	3	30.00	
0	0.00	9	50.00	450.00	9	450.00	
0	0.00	1	100.00	100.00	1	100.00	
0	0.00	1	250000.00	250000.00	1	250000.00	
0	0.00	1	18000.00	18000.00	1	18000.00	
0	0.00	1	17000.00	17000.00	1	17000.00	
0	0.00	9	50.00	450.00	9	450.00	
0	0.00	1	6000.00	6000.00	1	6000.00	
0	0.00	1	900.00	900.00	1	900.00	
0	0.00	1	1000.00	1000.00	1	1000.00	
0	0.00	2	900.00	1800.00	2	1800.00	
0	0.00	36	900.00	32400.00	36	32400.00	
0	0.00	9	150.00	1350.00	9	1350.00	
0	0.00	2	500.00	1000.00	2	1000.00	
0	0.00	1	15000.00	15000.00	1	15000.00	
0	0.00	1	8000.00	8000.00	1	8000.00	
0	0.00	4	250.00	1000.00	4	1000.00	
0	0.00	35	30.00	1050.00	35	1050.00	
0	0.00	20	300.00	6000.00	20	6000.00	

22	Supplying fixing and wiring earth electrode for grounding of lifts, transformer...DG sets etc using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should beenclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm alround with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.Ele SR 2010-11 (P68/2)	No
23	GI wire 10 swg	Kg
24	PVC insulation tape	Roll
25	MS fish plate	No
26	Caution board	No
	Meter Board connection	
27	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a) a) 40x40x6mm	Rmtr
28	Supplying.....amps rated 3 phase with neutral bus bar using requirement capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6 mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.b) 250Amps 4x30x10mm Alluminium Strips	Rmtr
29	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required c) 5-32 Amps DP 1. Group 'A'	Each
30	Wiring for lighting /power circuit using one of PVC insulated 1100V grade multis and copper conductor single core cable in open or consealed system of wiring Group A materials c) 2.5 sqmm	P/ Mtr
	d) 4 sqmm	P/ Mtr.
31	Open conduit system: Supplying heavy gauge PVC conduit pipe ... dia confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700 mm using WF screws. a) 19/20 mm dia 2mm thick	P / Mtr
32	Supplying of LT UG cable having aluminium conductor PVC insualted, sheathed, galvanized, steel wire / steel tap armoured cable with PVC outer sheathing 1.1 KV calss I Class 'A' PVC Cable i) 3.5 core 95sqmm	P / Mtr
33	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trech GI pipe / stone ware pipe / on wall / on pole as required c) 95 sqmm to 150sqmm	P / Mtr
34	Digging of Trench of 0.6M deep X 0.50M wide refilling the trench to the required ground level and consolidating etc., complete (As per Civil SR KSRBI-2, P-7) b) In Soil (Hard)	P / Mtr
35	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer pain and finally finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete a) 14 SWG	Sqcm
36	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipment on the meter board using 40mm dia 2.90mm thick GI pipe 2.5Mtr. long buried in a pit. The pit should be filled with equal proportion of slat and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through Gi wire of size as per ISI specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12mm dia.	Each
37	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole / drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class a) 40mm	P / Mtr.
38	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring thermal Magnetci Microprocessed release and Earth Fault as per IS-13947. (Icu=Ics} b) Four pole 125-160 Amps 25 kA ,1) Group 'A'	Each
	TOTAL	

10 % Supervision Charges
Bescom Deposit 2 MMD Charges
Energy Meter Charges
Inpectorate Charges and Miscellaneous Bescom Deposit
Grand Total

Certificate:- 1. The Above said Work has been carriedout satisfactorily
2. Amount Claimed in this bill has not been claimed in any of the previous bill

Assistant Executive Engineer (Ele)
BBMP, Bangalore

	0.00	1	2000.00	2000.00	1	2000.00	
0	0.00	5	50.00	250.00	5	250.00	
0	0.00	3	10.00	30.00	3	30.00	
0	0.00	9	50.00	450.00	9	450.00	
0	0.00	1	100.00	100.00	1	100.00	
0	0.00	28	200.00	5600.00	28	5600.00	
0	0.00	6	2200.00	13200.00	6	13200.00	
0	0.00	28	400.00	11200.00	28	11200.00	
0	0.00	283	20.00	5660.00	283	5660.00	
0	0.00	194	30.00	5820.00	194	5820.00	
0	0.00	178	25.00	4450.00	178	4450.00	
0	0.00	357	500.00	178500.00	357	178500.00	
0	0.00	357	10.00	3570.00	357	3570.00	
0	0.00	197	50.00	9850.00	197	9850.00	
0	0.00	305000	0.30	91500.00	305000	91500.00	
0	0.00	4	1800.00	7200.00	4	7200.00	
0	0.00	42	200.00	8400.00	42	8400.00	
0	0.00	2	6000.00	12000.00	2	12000.00	
0	0.00			1106040.00		1106040.00	
				65450.00		65450.00	
				5120.00		5120.00	
				28960.00		28960.00	
				6200.00		6200.00	
				1211770.00		1211770.00	